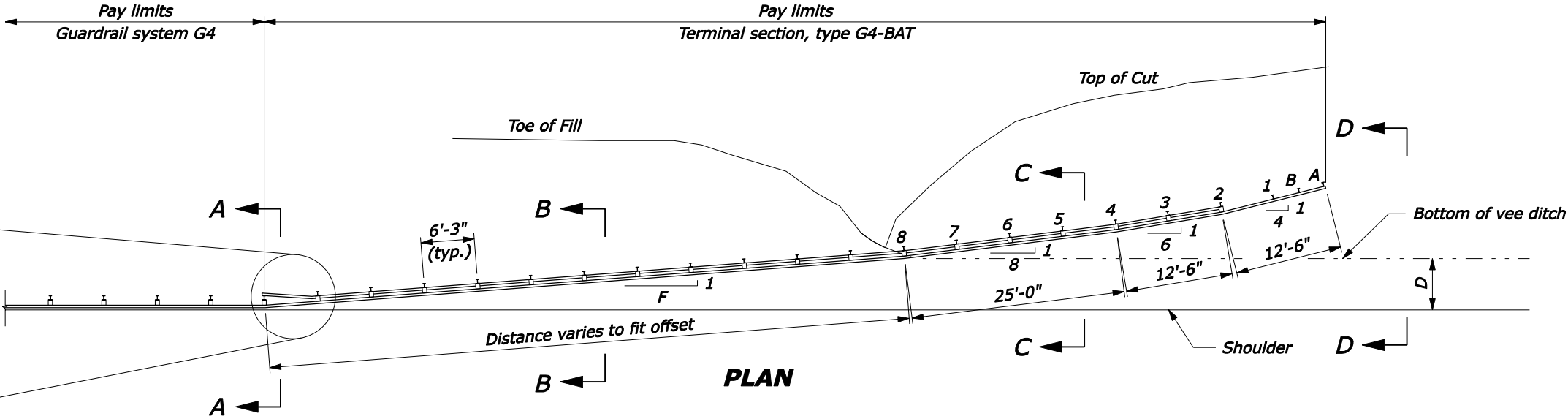
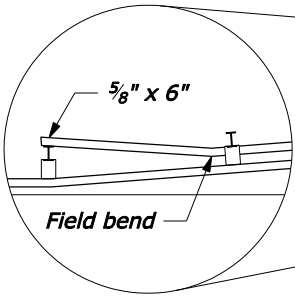
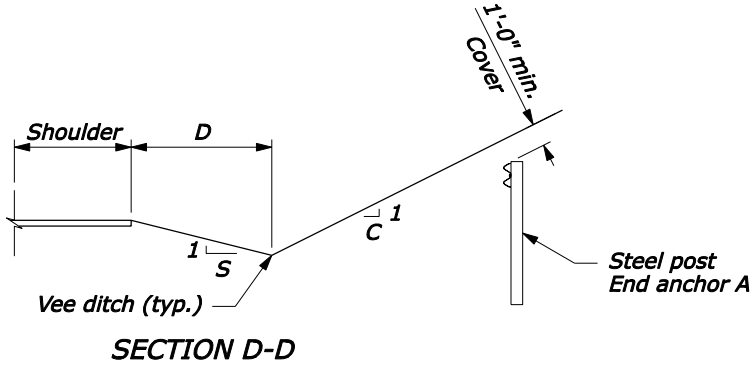
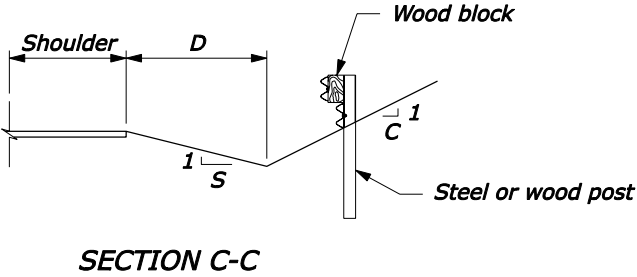
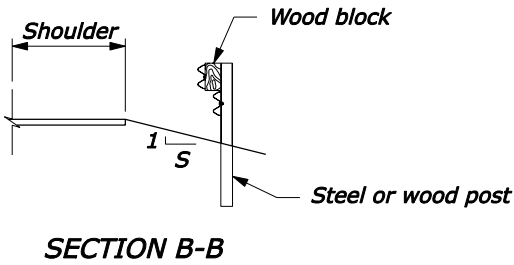
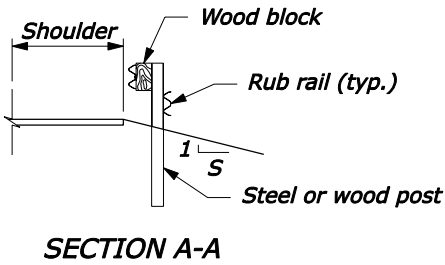
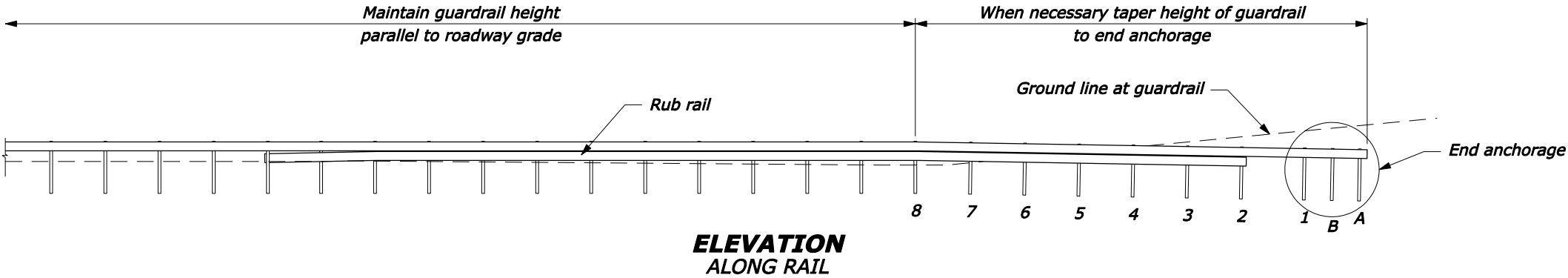


GUARDRAIL FLARE		
DESIGN SPEED MPH	F	
	S = 4	S = 6
70	13	15
60	13	13
55	13	12
50	13	11
45	13	10
35	13	9
≤ 30	13	7

NOTE:  
1. See sheet 2 of 2 for post and block details.



POST OFFSETS FROM VEE DITCH	
POST	DISTANCE
A	8'
#2	5'
#4	3'
#8	0



CROSS SECTION DIMENSIONS		
DITCH SLOPE S	DITCH WIDTH D	CUT SLOPE C
4	6'-0"	2
6	8'-10"	4

U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION  
FEDERAL LANDS HIGHWAY

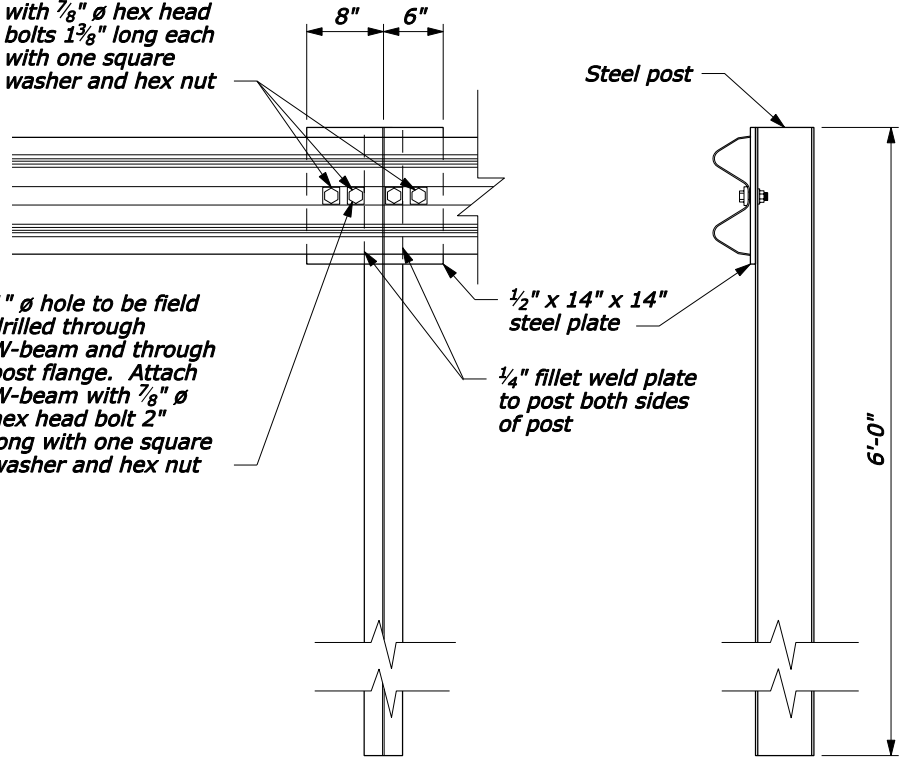
U.S. CUSTOMARY STANDARD  
**G4-W BEAM GUARDRAIL  
BACK SLOPE ANCHOR TERMINAL  
TYPE G4-BAT**  
Sheet 1 of 2

STANDARD APPROVED FOR USE 1/1994  
REVISED: 4/1994 6/2005

STANDARD  
617-17

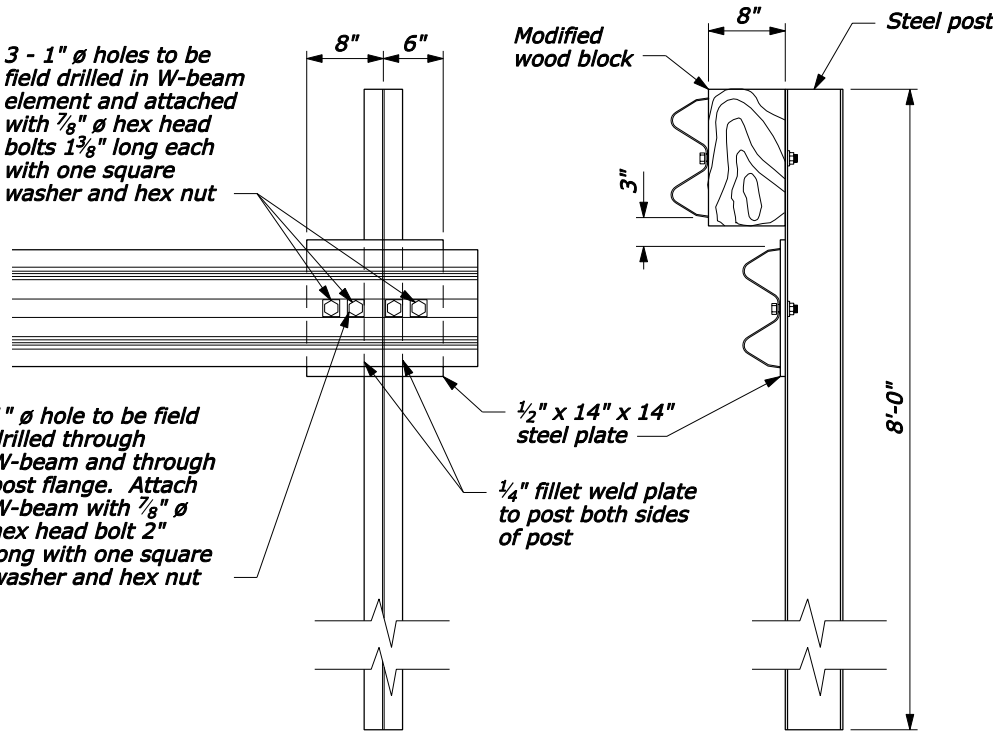
NO SCALE

3 - 1"  $\varnothing$  holes to be field drilled in W-beam element and attached with  $\frac{7}{8}$ "  $\varnothing$  hex head bolts  $1\frac{3}{8}$ " long each with one square washer and hex nut

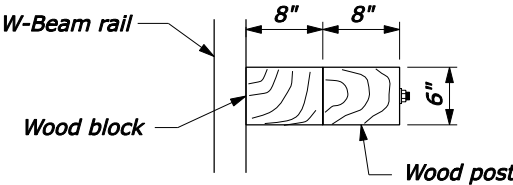


**SPECIAL RAIL TO POST CONNECTION  
AT POSTS A, B, AND 1**

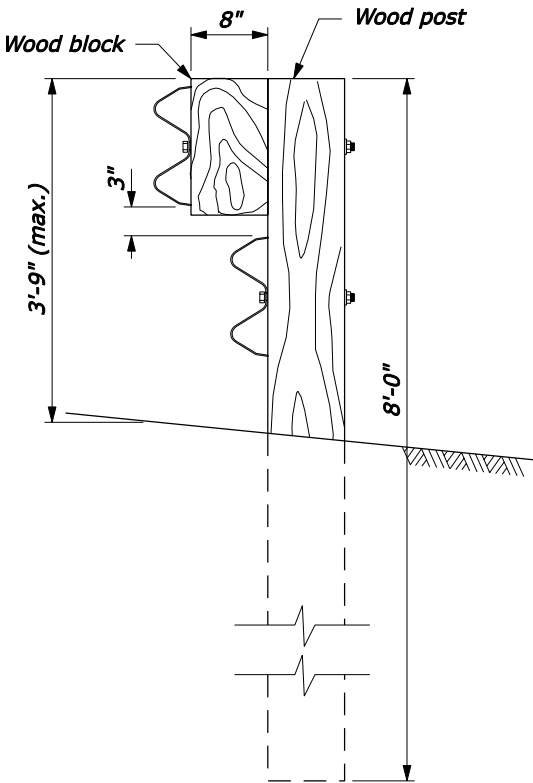
3 - 1"  $\varnothing$  holes to be field drilled in W-beam element and attached with  $\frac{7}{8}$ "  $\varnothing$  hex head bolts  $1\frac{3}{8}$ " long each with one square washer and hex nut



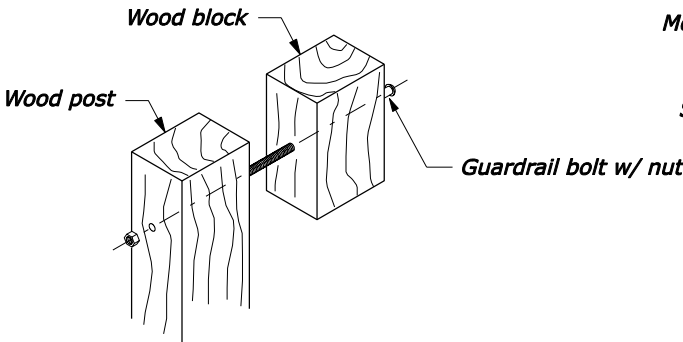
**SPECIAL RUBRAIL TO POST  
CONNECTION AT POST 2**



**PLAN**

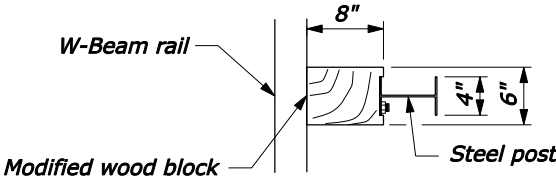


**ELEVATION**

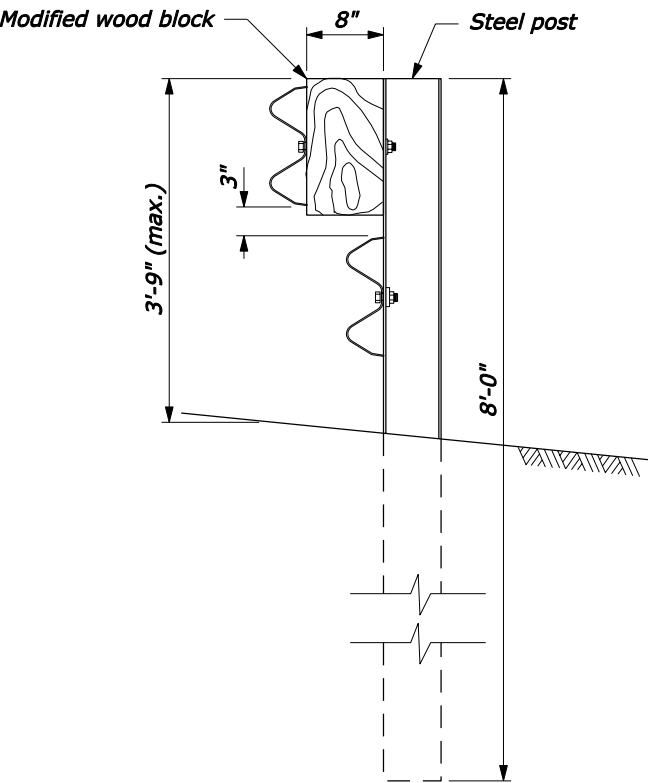


**EXPLODED VIEW  
(Rail and washer not shown)**

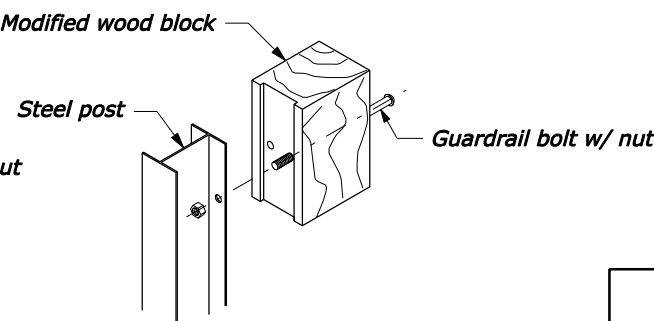
**WOOD POST AND  
BLOCK DETAIL**



**PLAN**



**ELEVATION**



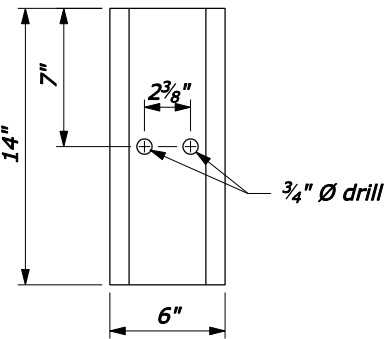
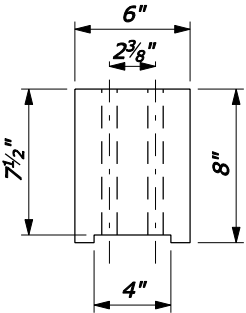
**EXPLODED VIEW  
(Rail and washer not shown)**

**STEEL POST  
AND BLOCK DETAIL**

NO SCALE

**NOTE:**

1. See sheet 1 of 2 for terminal layout.
2. For posts #3 and higher match post material of adjacent guardrail run unless otherwise noted.



**MODIFIED  
WOOD BLOCK**